

Murray-Darling Basin Baseline Diversion Limits - estimate for 2019 - 2020 water year

These estimates apply for the 2019/20 water year and were calculated at 26 November 2020.

Zones	SDL Resource Unit (within zones)	take from a regulated river (GL/y)	take from a watercourse (GL/y)	take by floodplain harvesting (GL/y)	take from a watercourse under basic rights (GL/y)	take by runoff dams (excluding basic rights) (GL/y)	take by runoff dams under basic rights (GL/y)	net take by commercial plantations (GL/y)	total BDL ⁽¹⁾ (GL/y)	estimates of BDL by Authority in 2012 ⁽²⁾ (GL/y)	increase (+) / decrease (-) since 2012 (GL/y)
NORTHERN BASIN											
Queensland											
	Condamine-Balonne ⁽³⁾	-	601.0	147.0	6.0	203.0	61.0	1.0	1,019.0	978.3	40.7
	Moonie ⁽³⁾	-	36.8	3.8	0.4	40.0	11.0	-	92.0	84.2	7.8
	Nebine ⁽⁴⁾	-	9.8	-	0.1	-	11.0	-	20.9	31.2	-10.3
	Paroo ⁽⁴⁾	-	0.2	0.7	0.3	-	10.6	-	11.8	9.9	1.9
	Queensland Border Rivers ⁽³⁾	-	246.0	50.0	3.6	61.0	16.0	1.0	377.6	320.1	57.5
	Warrego ⁽⁴⁾	-	59.1	2.8	0.2	-	13.5	-	75.6	127.7	-52.1
	total northern Basin Queensland zone	-	952.9	204.3	10.6	304.0	123.1	2.0	1,596.9	1,551.4	45.5
Northern New South Wales											
	Barwon-Darling Watercourse	-	186.5	11.5	-	-	-	-	198.0	198.0	-
	Gwydir	296.2	11.2	17.8	NA	104.0	20.0	1.0	450.2	450.2	-
	NSW Border Rivers	188.4	16.3	3.0	NA	79.0	16.0	-	302.6	302.6	-
	Intersecting Streams ⁽⁵⁾	-	16.8	-	NA	105.0	6.0	-	127.8	114.0	13.8
	Namoi	251.2	78.1	14.0	NA	139.0	21.0	5.0	508.3	508.3	-
	Macquarie-Castlereagh	380.3	44.0	-	NA	156.0	110.0	44.0	734.3	734.3	-
	total northern Basin New South Wales zone	1,116.1	352.9	46.2	-	583.0	173.0	50.0	2,321.2	2,307.4	13.8
	total northern Basin	1,116.1	1,305.8	250.5	10.6	887.0	296.1	52.0	3,918.1	3,858.8	59.3
SOUTHERN BASIN											
Southern New South Wales											
	Lower Darling	55.0	NA	-	NA	-	5.5	-	60.5	60.5	-
	Murrumbidgee - NSW	1,957.7	42.4	-	NA	344.0	41.0	116.0	2,501.1	2,501.1	-
	NSW Murray	1,680.0	27.7	-	NA	70.0	10.0	24.0	1,811.7	1,811.7	-
	total southern Basin New South Wales zone	3,692.7	70.1	-	-	414.0	56.5	140.0	4,373.3	4,373.3	-
ACT											
	ACT (surface water) ⁽⁶⁾	-	42.7	-	-	-	4.6	11.0	58.3	52.5	5.8
	total southern Basin ACT zone	-	42.7	-	-	-	4.6	11.0	58.3	52.5	5.8
Victoria											
	Broken ⁽⁷⁾	13.2	2.9	-	1.6	10.4	6.3	14.9	49.3	56.2	-6.9
	Campaspe ⁽⁷⁾	115.8	0.9	-	1.6	6.1	14.4	1.8	140.6	152.6	-12.0
	Goulburn ⁽⁷⁾	1,552.7	18.3	-	6.3	27.1	24.4	22.4	1,651.2	1,689.4	-38.2
	Kiewa ⁽⁸⁾	-	11.2	-	1.0	4.5	3.7	7.3	27.7	24.6	3.1
	Loddon ⁽⁷⁾	85.8	8.9	-	4.8	18.1	16.6	5.5	139.7	178.6	-38.9
	Ovens ⁽⁸⁾	-	25.4	-	2.9	12.5	12.5	32.5	85.8	83.4	2.4
	Victorian Murray ⁽⁸⁾	-	1,673.2	-	8.2	4.8	7.6	24.2	1,718.0	1,707.1	10.9
	total southern Basin Victoria zone	1,767.5	1,740.8	-	26.4	83.5	85.5	108.6	3,812.3	3,891.9	-79.6
South Australia											
	Eastern Mount Lofty Ranges ⁽⁹⁾	-	15.3	-	-	9.8	-	3.2	28.3	28.3	-
	South Australian Murray ⁽⁹⁾	-	681.1	-	-	-	-	-	681.1	665.0	16.1
	Marne Saunders ⁽⁹⁾	-	-	-	-	2.9	-	0.1	3.0	2.9	0.1
	SA Non-Prescribed Areas ⁽¹⁰⁾	-	-	-	-	55.2	-	-	55.2	3.5	51.7
	total southern Basin South Australia zone	-	696.4	-	-	67.9	-	3.3	767.6	699.7	67.9
	total southern Basin (ex disconnected)	5,460.2	2,550.0	-	26.4	565.4	146.6	262.9	9,011.5	9,017.4	-5.9
DISCONNECTED TRIBUTARIES											
	Lachlan	286.7	15.7	-	NA	230.0	57.0	29.0	618.4	618.4	-
	Wimmera-Mallee (surface water) ⁽¹¹⁾	66.9	1.3	-	1.1	13.1	11.0	5.7	99.1	128.5	-29.4
	TOTAL	6,929.9	3,872.8	250.5	38.1	1,695.5	510.7	349.6	13,647.1	13,623.1	24.0
BDL:											
	Interceptions					1,695.5	510.7	349.6	2,555.8	2,736.2	-180.4
	Watercourse diversions	6,929.9	3,872.8	250.5	38.1				11,091.3	10,886.9	204.4
									13,647.1	13,623.1	24.0

(1) current estimate of BDL calculated at 26 November 2020 for water year 2019-20 as per notes (3) to (10) below

(2) original estimates of BDL made by the Authority in 2012 and published in Schedule 3 of the Basin Plan

(3) improved estimate of the BDL as per accredited Condamine-Balonne and Queensland Border Rivers - Moonie Water Resource Plans. These plans were accredited by the relevant Commonwealth Minister on 18 September 2019.

(4) improved estimates of the BDL as per accredited Warrego-Paroo-Nebine Water Resource Plan. The plan was accredited by the relevant Commonwealth Minister on 18 June 2017.

(5) As part of NSW's 2018 work to improve long term diversion limit equivalent (LTDLE) factors, work was completed to better understand diversions in the Warrego River that form part of the Intersecting Streams SDL resource unit. A water recovery factor was calculated for an additional special high flow class entitlement based on an improved estimate for take from a watercourse. Consistent with that work, the improved estimate of BDL for that form of take for the Intersecting Streams BDL is presented here. Further information about the improved estimate is available from NSW DPI web site <https://www.industry.nsw.gov.au/water/plans-programs/water-resource-plans/ltdle-cap-factors>

(6) improved estimate of the BDL as per Basin Plan Amendment Instrument (No.1) 2018 and as per accredited Australian Capital Territory (surface water) Water Resource plan. The plan was accredited by the relevant Commonwealth Minister on 25 June 2020.

(7) improved estimate of the BDL as per accredited Northern Victoria Water Resource Plan. The plan was accredited by the relevant Commonwealth Minister on 10 June 2020.

(8) improved estimate of the BDL as per accredited Victorian Murray Water Resource Plan. The plan was accredited by the relevant Commonwealth Minister on 10 June 2020.

(9) improved estimate of the BDL as per accredited Eastern Mount Lofty Ranges and South Australian River Murray Water Resource Plans. The plans were accredited by the relevant Commonwealth Minister on 13 November 2019.

(10) improved estimate of the BDL as per accredited South Australian Murray Region Water Resource Plan. The plan was accredited by the relevant Commonwealth Minister on 20 August 2019.

(11) improved estimate of the BDL as per accredited Wimmera-Mallee (surface water) Water Resource Plan. The plan was accredited by the relevant Commonwealth Minister on 19 September 2019.